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RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/087,325

DATE: 03/19/2002
TIME: 14:39:30

Input Set : A:\GenOdIFNa2.txt
Output Set : N:\CRF3\03192002\J087325.raw

3 <110> APPLICANT: Escary, Jean-Louis
5 <120> TITLE OF INVENTION: NEW POLYNUCLEOTIDES AND POLYPEPTIDES OF THE IFNalpha-2 GENE
7 <130> FILE REFERENCE: 021349/0010
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/087,325
C--> 9 <141> CURRENT FILING DATE: 2002-03-01
9 <150> PRIOR APPLICATION NUMBER: FR 0102843
10 <151> PRIOR FILING DATE: 2001-03-01
12 <160> NUMBER OF SEQ ID NOS: 26
14 <170> SOFTWARE: PatentIn version 3.1
16 <210> SEQ ID NO: 1
17 <211> LENGTH: 1733
18 <212> TYPE: DNA
19 <213> ORGANISM: Homo sapiens
21 <400> SEQUENCE: 1

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26	tgcaataata	aaacattaac	tttatacttt	ttaatttaat	gtatagaata	gagatataca	180
28	taggatatgt	aaatagatac	acagtgtata	tgtgattaaa	atataatggg	agattcaatc	240
30	agaaaaaagt	ttctaaaaag	gctctggggg	aaaagaggaa	ggaaacaata	atgaaaaaaa	300
32	tgtgggtgaga	aaaacagctg	aaaacccatg	taaagagtgt	ataaagaaag	caaaaagaga	360
34	agtagaaagt	aacacagggg	catttggaag	atgtaaacga	gtatgttccc	tatttaaggc	420
36	taggcacaaa	gcaaggtctt	cagagaacct	ggagcctaag	gttttaggctc	acccatttca	480
38	accagtctag	cagcatctgc	aacatctaca	atggccttga	cctttgcttt	actgggtggc	540
40	ctcctgggtgc	tcagctgcaa	gtcaagctgc	tctgtgggct	gtgatctgcc	tcaaaccac	600
42	agcctgggta	gcaggaggac	cttgatgctc	ctggcacaga	tgaggagaat	ctctcttttc	660
44	tcctgcttga	aggacagaca	tgactttgga	tttccccagg	aggagtgttg	caaccagttc	720
46	caaaaaggctg	aaaccatccc	tgtcctccat	gagatgatcc	agcagatctt	caatctcttc	780
48	agcacaaagg	actcatctgc	tgcttgggat	gagaccctcc	tagacaaatt	ctacactgaa	840
50	ctctaccagc	agctgaatga	cctggaagcc	tgtgtgatac	agggggtggg	ggtgacagag	900
52	actcccctga	tgaaggagga	ctccattctg	gctgtgagga	aatacttcca	aagaatcact	960
54	ctctatctga	aagagaagaa	atacagccct	tgtgcctggg	aggttgtcag	agcagaaatc	1020
56	atgagatctt	tttctttgtc	aacaaacttg	caagaaagtt	taagaagtaa	ggaatgaaaa	1080
58	ctgggttcaac	atggaaatga	ttttcattga	ttcgtagtgc	agctcacctt	tttatgatct	1140
60	gccatttcaa	agactcatgt	ttctgctatg	accatgacac	gattttaaatt	ttttcaaattg	1200
62	tttttaggag	tattaatcaa	cattgtattc	agctcttaag	gcactagtcc	cttacagagg	1260
64	accatgctga	ctgatccatt	atctatttaa	atatttttaa	aatattattt	atttaactat	1320
66	ttataaaaca	acttattttt	gttcatatta	tgatcatgtc	acctttgcac	agtggttaat	1380
68	gtaataaaat	gtgttctttg	tatttggtaa	atttattttg	tggtgttcat	tgaacttttg	1440
70	ctatggaact	tttgtaactg	tttattcttt	aaaatgaaat	tccaagccta	attgtgcaac	1500
72	ctgattacag	aataactggg	acacttcatt	tgtccatcaa	tatttatattc	aagatataag	1560
74	taaaaataaa	ctttctgtga	accaagttgt	atgtgtgtact	caagataaca	gggtgaacct	1620
76	aacaaataca	attctgtctc	cttgtgtatt	tgatttttgt	atgaaaaaaa	ctaaaaatgg	1680
78	taatcatact	taattatcag	ttatggtaaa	tggtatgaag	agaagaagga	acg	1733

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82 <211> LENGTH: 188
83 <212> TYPE: PRT
84 <213> ORGANISM: Homo sapiens
86 <400> SEQUENCE: 2
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89 1 5 10 15
92 Lys Ser Ser Cys Ser Val Gly Cys Asp Leu Pro Gln Thr His Ser Leu
93 20 25 30
96 Gly Ser Arg Arg Thr Leu Met Leu Leu Ala Gln Met Arg Arg Ile Ser
97 35 40 45
100 Leu Phe Ser Cys Leu Lys Asp Arg His Asp Phe Gly Phe Pro Gln Glu
101 50 55 60
104 Glu Phe Gly Asn Gln Phe Gln Lys Ala Glu Thr Ile Pro Val Leu His
105 65 70 75 80
108 Glu Met Ile Gln Gln Ile Phe Asn Leu Phe Ser Thr Lys Asp Ser Ser
109 85 90 95
112 Ala Ala Trp Asp Glu Thr Leu Leu Asp Lys Phe Tyr Thr Glu Leu Tyr
113 100 105 110
116 Gln Gln Leu Asn Asp Leu Glu Ala Cys Val Ile Gln Gly Val Gly Val
117 115 120 125
120 Thr Glu Thr Pro Leu Met Lys Glu Asp Ser Ile Leu Ala Val Arg Lys
121 130 135 140
124 Tyr Phe Gln Arg Ile Thr Leu Tyr Leu Lys Glu Lys Lys Tyr Ser Pro
125 145 150 155 160
128 Cys Ala Trp Glu Val Val Arg Ala Glu Ile Met Arg Ser Phe Ser Leu
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132 Ser Thr Asn Leu Gln Glu Ser Leu Arg Ser Lys Glu
133 180 185
136 <210> SEQ ID NO: 3
137 <211> LENGTH: 20
138 <212> TYPE: DNA
139 <213> ORGANISM: Homo sapiens
141 <400> SEQUENCE: 3
142 gcctcttatg tacccacaaa 20
145 <210> SEQ ID NO: 4
146 <211> LENGTH: 20
147 <212> TYPE: DNA
148 <213> ORGANISM: Homo sapiens
150 <400> SEQUENCE: 4
151 caccagtaaa gcaaaggtca 20
154 <210> SEQ ID NO: 5
155 <211> LENGTH: 20
156 <212> TYPE: DNA
157 <213> ORGANISM: Homo sapiens
159 <400> SEQUENCE: 5
160 caccatttc aaccagtcta 20
163 <210> SEQ ID NO: 6
164 <211> LENGTH: 19

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165 <212> TYPE: DNA
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174 <212> TYPE: DNA
175 <213> ORGANISM: Homo sapiens
177 <400> SEQUENCE: 7
178 gcctcttatg tacccacaaa 20
181 <210> SEQ ID NO: 8
182 <211> LENGTH: 20
183 <212> TYPE: DNA
184 <213> ORGANISM: Homo sapiens
186 <400> SEQUENCE: 8
187 caccagtaaa gcaaaggta 20
190 <210> SEQ ID NO: 9
191 <211> LENGTH: 20
192 <212> TYPE: DNA
193 <213> ORGANISM: Homo sapiens
195 <400> SEQUENCE: 9
196 caccatttc aaccagtcta 20
199 <210> SEQ ID NO: 10
200 <211> LENGTH: 19
201 <212> TYPE: DNA
202 <213> ORGANISM: Homo sapiens
204 <400> SEQUENCE: 10
205 agctggcata cgaatcaat 19
208 <210> SEQ ID NO: 11
209 <211> LENGTH: 20
210 <212> TYPE: DNA
211 <213> ORGANISM: Homo sapiens
213 <400> SEQUENCE: 11
214 taatttaatt tttaattgtt 20
217 <210> SEQ ID NO: 12
218 <211> LENGTH: 20
219 <212> TYPE: DNA
220 <213> ORGANISM: Homo sapiens
222 <400> SEQUENCE: 12
223 tctttttgct ttctttatac 20
226 <210> SEQ ID NO: 13
227 <211> LENGTH: 20
228 <212> TYPE: DNA
229 <213> ORGANISM: Homo sapiens
231 <400> SEQUENCE: 13
232 ctgaaaaccc atgtaaagag 20
235 <210> SEQ ID NO: 14
236 <211> LENGTH: 20
237 <212> TYPE: DNA

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247 <213> ORGANISM: Homo sapiens
249 <400> SEQUENCE: 15
250 aaagaaagca aaaagagaag 20
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254 <211> LENGTH: 20
255 <212> TYPE: DNA
256 <213> ORGANISM: Homo sapiens
258 <400> SEQUENCE: 16
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262 <210> SEQ ID NO: 17
263 <211> LENGTH: 20
264 <212> TYPE: DNA
265 <213> ORGANISM: Homo sapiens
267 <400> SEQUENCE: 17
268 tccctattta aggctaggca 20
271 <210> SEQ ID NO: 18
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273 <212> TYPE: DNA
274 <213> ORGANISM: Homo sapiens
276 <400> SEQUENCE: 18
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281 <211> LENGTH: 20
282 <212> TYPE: DNA
283 <213> ORGANISM: Homo sapiens
285 <400> SEQUENCE: 19
286 tacaatggcc ttgacctttg 20
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290 <211> LENGTH: 20
291 <212> TYPE: DNA
292 <213> ORGANISM: Homo sapiens
294 <400> SEQUENCE: 20
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299 <211> LENGTH: 20
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308 <211> LENGTH: 20
309 <212> TYPE: DNA
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Input Set : A:\GenOdIFNa2.txt

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316 <210> SEQ ID NO: 23	
317 <211> LENGTH: 20	
318 <212> TYPE: DNA	
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321 <400> SEQUENCE: 23	
322 cacccatttc aaccagtcta	20
325 <210> SEQ ID NO: 24	
326 <211> LENGTH: 19	
327 <212> TYPE: DNA	
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331 agctggcata cgaatcaat	19
334 <210> SEQ ID NO: 25	
335 <211> LENGTH: 23	
336 <212> TYPE: DNA	
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340 tgtgatctgc ctcaaaccga cag	23
343 <210> SEQ ID NO: 26	
344 <211> LENGTH: 28	
345 <212> TYPE: DNA	
346 <213> ORGANISM: Homo sapiens	
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349 tcattcctta cttcttaaag tttcttgc	28

VERIFICATION SUMMARY

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Input Set : A:\GenOdIFNa2.txt

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L:9 M:270 C: Current Application Number differs, Replaced Current Application No

L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date